

CLAIMS

What is claimed is:

1. In a motor vehicle having a ceiling and a passenger seating area, a dockable connection assembly rotatably associated with a display screen making
5 electrical connection within said dockable connection assembly and allowing said display screen to pivot up or down, rotation clockwise or counterclockwise, and providing disengagement in emergency situations, comprising:

a retainer assembly;

a connector assembly; and

10 a harness assembly.

2. The dockable connection assembly of claim 1, wherein said dockable connection assembly is generally forward of said passenger seating area.

3. The dockable connection assembly of claim 1, wherein said dockable connection assembly is mounted to said ceiling.

- 15 4. The dockable connection assembly of claim 1, wherein said retainer assembly further comprises a upper retainer mounted to ceiling of said motor vehicle, tube connector with an index, and lower retainer; said connection assembly further comprises a snap ball joint installed into male connector by receiving hole of said snap ball joint, said male connector properly orientated with a female connector, a lock ring
20 slipped onto a snap nut fitted over said male connector properly oriented with said female connector, and a case fitted over said snap ball joint.

5. The dockable connector assembly of claim 4, wherein said tube connector is threaded on the outer portion of said tube connector.

6. The dockable connection assembly of claim 4, wherein said connection assembly is pressed into said tube connector by said female connector of said connection assembly and held firmly into said tube connector by tightening said snap nut of said connection assembly around said tube connector.

5 7. The dockable connection assembly of claim 4, wherein said tube connector utilizes said index to correct positioning of said connection assembly within said retainer assembly.

8. The dockable connection assembly of claim 4 wherein said snap ball joint is molded and snapped into said display monitor and said case around said snap ball joint
10 allows said display screen to swivel.

9. The dockable connection assembly of claim 8, wherein said case can have features to restrict swiveling motion of said display screen.

10. The dockable connection assembly of claim 1, wherein said harness assembly comprises of wire.

15 11. The dockable connection assembly of claim 1, wherein said harness assembly runs through said retainer assembly and makes said electrical connection within said connection assembly at the point where said male connector is properly oriented with said female connector.

12. The dockable connection assembly of claim 1, wherein said harness
20 assembly runs through said retainer assembly and connection assembly into said display screen and makes said electrical connection as said snap nut is threaded onto said tube connector, disengagement of said electrical connection occurs when said snap nut is unscrewed from said tube connector.